

SEQUENCE LISTING

<110> Mirkin, Chad A.
 Letsinger, Robert L.
 Mucic, Robert C.
 Storhoff, James J.
 Elghanian, Robert

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
 AND USES THEREFOR

<130> 4149-1-1

<140> Not Yet Assigned
 <141> 1999-01-29

<150> PCT/US97/12783
 <151> 1997-07-21

<150> 60/031,809
 <151> 1996-07-29

<160> 42

<170> PatentIn Ver. 2.0

<210> 1
 <211> 20
 <212> DNA
 <213> NONE

<400> 1
 aaacgactct agcgcgtata

20

<210> 2
 <211> 20
 <212> DNA
 <213> NONE

<400> 2
 atggcaacta tacgcgctag

20

<210> 3
 <211> 16
 <212> DNA
 <213> NONE

<400> 3

ccttgagatt tccctc

16

<210> 4

<211> 16

<212> DNA

<213> NONE

<400> 4

gagggaaatc tcaagg

16

<210> 5

<211> 18

<212> DNA

<213> NONE

<400> 5

aacttgcgct aatggcga

18

<210> 6

<211> 26

<212> DNA

<213> NONE

<400> 6

aagttgcgct ttacggctaa tggcga

26

<210> 7

<211> 15

<212> DNA

<213> NONE

<400> 7

tctccttccc ttttc

15

<210> 8

<211> 15

<212> DNA

<213> NONE

<400> 8

gaaaaggga ggaga

15

<210> 9

<211> 15

<212> DNA

<213> NONE

<400> 9

cttttccctt cctct

15

<210> 10

<211> 28

<212> DNA

<213> NONE

<400> 10

aaacgactct agcgcgata gttgccat

28

<210> 11

<211> 28

<212> DNA

<213> NONE

<400> 11

atggcaacta tacgcgctag agtcgttt

28

<210> 12

<211> 15

<212> DNA

<213> NONE

<400> 12

cctatcgacc atgct

15

<210> 13

<211> 30

<212> DNA

<213> NONE

<400> 13

agcatggtcg ataggaaacg actctagcgc

30

<210> 14

<211> 15

<212> DNA

<213> NONE

<400> 14

gcgctagagt cgttt

15

<210> 15

<211> 30

<212> DNA

<213> NONE

<400> 15

agcatggtcg ataggatggc aactatacgc

30

<210> 16

<211> 24

<212> DNA

<213> NONE

<400> 16

gtcgatagga aacgactcta gcgc

24

<210> 17

<211> 30

<212> DNA

<213> NONE

<400> 17

agcatgggtg ataggaaacg actctagcgc

30

<210> 18

<211> 30

<212> DNA

<213> NONE

<400> 18

agcatgtttg ataggaaacg actctagcgc

30

<210> 19

<211> 12

<212> DNA

<213> NONE

<400> 19

tctcaactcg ta

12

<210> 20

<211> 12

<212> DNA

<213> NONE

<400> 20

cgcattcagg at

12

<210> 21

<211> 24

<212> DNA

<213> NONE

<400> 21

tacgagttga gagagtgcc acat

24

<210> 22

<211> 24

<212> DNA

<213> NONE

<400> 22

tacgagttga gaatcctgaa tgcg

24

<210> 23

<211> 24

<212> DNA

<213> NONE

<400> 23

tacgagttga gaatcctgaa tgct

24

<210> 24

<211> 24

<212> DNA

<213> NONE

<400> 24

tacgagttga gactcctgaa tgcg

24

<210> 25

<211> 23

<212> DNA

<213> NONE

<400> 25

tacgagttga gaatcctgaa tgc

23

<210> 26

<211> 25

<212> DNA

<213> NONE

<400> 26

tacgagttga gacatcctga atgcg

25

<210> 27

<211> 24

<212> DNA

<213> NONE

<400> 27

[illegible]

```
<210> 28
<211> 12
<212> DNA
<213> NONE
```

```
<400> 28
taggacttac gc
```

12

```
<210> 29
<211> 48
<212> DNA
<213> NONE
```

```
<400> 29
tacgagttga gaccgttaag acgaggcaat catgcaatcc tgaatgcg
```

48

```
<210> 30
<211> 24
<212> DNA
<213> NONE
```

```
<400> 30
tgcattgattg cctcgtctta acgg
```

24

```
<210> 31
<211> 72
<212> DNA
<213> NONE
```

```
<400> 31
tacgagttga gaccgttaag acgaggcaat catgcatata ttggacgctt tacggacaac 60
atcctgaatg cg                                                    72
```

72

```
<210> 32
<211> 48
<212> DNA
<213> NONE
```

```
<400> 32
gttgtccgta aagcgtccaa tatatgcatg attgcctcgt cttaacgg
```

48

```
<210> 33
<211> 12
<212> DNA
<213> NONE
```

<400> 33
tctcaactcg ta

12

<210> 34
<211> 24
<212> DNA
<213> NONE

<400> 34
tacgagttga gaatcctgaa tgcg

24

<210> 35
<211> 12
<212> DNA
<213> NONE

<400> 35
cgcattcagg at

12

<210> 36
<211> 141
<212> DNA
<213> ANTHRAX

<400> 36
ggcggatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60
attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgtagaa 120
attgaagata ctgaagggtt t 141

<210> 37
<211> 15
<212> DNA
<213> NONE

<400> 37
taacaataat ccctc

15

<210> 38
<211> 15
<212> DNA
<213> NONE

<400> 38
atccttatca atatt

15

<210> 39
<211> 30
<212> DNA

[illegible]

Table 1

Variable	Mean	SD	Range
Age	67.8	9.0	45-85
Gender	Male		
Females	10		
Males	10		
Marital status	Married		
Single	10		
Divorced	10		
Widowed	10		
Educational level	High school		
Bachelor's degree	10		
Master's degree	10		
PhD	10		
Occupation	Retired		
Employed	10		
Unemployed	10		
Health status	Good		
Fair	10		
Poor	10		
Depression score	10		
Anxiety score	10		
Stress score	10		
Social support score	10		
Life satisfaction score	10		

[illegible][illegible][illegible][illegible]